

ABSTRACT

5 The present invention relates to a method for congestion
control when setting up calls in a cellular CDMA-based
communication system. A call setup request from a user
equipment in a congested cell is prohibited by means of
broadcasted call admission messages. However, the call
admission information indicates permitted and/or restricted
10 accesses for carrier frequencies and/or neighboured cells.
Neighboured cells using the same carrier frequency as the
congested cell are marked with a restricted access flag.
Therefore, the user equipments in the congested cell will
request for a call setup only in one of those neighbour
15 cells without access restrictions. By this means, the user
equipments will not contribute to the interference level in
the congested cell.

Figure for publication: Figure 4